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((ACLM/"automatic transmission" AND ACLM/position) AND SPEC/GPS): 16 patents.

Hits 1 through 16 out of 16

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ACLM/"automatic transmission" AND ACLM/position

PAT.  
NO.

Title

- date  
1 6,920,384 T Driving force control apparatus for vehicle
- 2 6,830,534 T Method for controlling the internal combustion engine of a motor vehicle with a stop/start function
- 3 6,740,002 T Hybrid powertrain
- 4 6,516,261 T Control system for automatic vehicle transmissions
- 5 6,403,125 T Parked vehicle locator
- 6 6,351,698 T Interactive vehicle control system
- 7 6,292,736 T Vehicle control system and recording media recorded with programs for the system
- 8 6,278,928 T Transmission control device responsive to road information
- 9 6,220,986 T Vehicle control system for suppressing shift determinations at a corner using road data
- 10 6,098,005 T Vehicle transmission controller for changing gear ratios in accordance with road features
- 11 6,085,137 T Vehicle control device
- 12 6,083,248 T World wide patient location and data telemetry system for implantable medical devices
- 13 6,016,457 T Vehicle drive force controller
- 14 6,014,605 T Vehicular control system for detecting road situations of a planned route
- 15 5,893,894 T Apparatus for controlling an automatic transmission of an automobile and method thereof
- 16 5,392,052 T Position reporting emergency location system

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S1	181	TRANSMISSION AND GPS AND POSITION? AND PD<=010330
S2	4	S1 AND, (AUTOMATIC? (S) TRANSMISSION?)
?		

12/21/2005

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4

T S4/3,KWIC/1

4/3,KWIC/1 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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01370996 19991200515

**Multiple-observer scheme for safe navigation**

(Positionsmessung mit einer Beobachterstruktur, bestehend aus mehreren Sensoren, fuer die sichere Navigation in der Schifffahrt)

Schultze, R

FH Konstanz, D

Control Engineering Practice, v7, n10, pp1279-1289, 1999

Document type: journal article Language: English

Record type: Abstract

ISSN: 0967-0661

( Positionsmessung mit einer Beobachterstruktur, bestehend aus mehreren Sensoren, fuer die sichere Navigation in der Schifffahrt)

1999

**ABSTRACT:**

...problems encountered at many sensors, transient failures like pauses, jumps or ramps and asynchronous data transmission with variable latency. The navigation filter utilizes a bank of observers that is dynamically rearranged...

...of currently available sensor data. The availability and safety improvement of the approach is the automatic fault-detection with immediate switch-over to a backup (standby) observer, which has already converged...

...instance to mobile robots working indoors and outdoors with changing availability and accuracy of sensors ( GPS (Global Positioning System) only outside, wheel sensors work better inside on a flat floor).

IDENTIFIERS: MEHRSENSORENSYSTEM; Navigation; Positionsmessung ; Beobachter ; Mehrfachsensor  
?

T 52/3,KWIC/1-4

**2/3,KWIC/1 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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09705198 Genuine Article#: 438FZ No. References: 11

**Title: The design of mobile multimodal communication device - Personal navigator**

Author(s): Kotnik B; Rotovnik T; Kacic Z; Horvat B; Horvat B; Kramberger I  
Corporate Source: Univ Maribor,Inst Elekt, Fakulteta Elektrotehn  
Racunalnistvo Informat,SLO-2000 Maribor//Slovenia/  
Journal: INFORMACIJE MIDE-M-JOURNAL OF MICROELECTRONICS ELECTRONIC  
COMPONENTS AND MATERIALS, 2001, V31, N1 (MAR), P39-47  
ISSN: 0352-9045 Publication date: 20010300  
Publisher: SOC MICROELECTRONICS, ELECTRON COMPONENTS MATERIALS-MIDEM,  
DUNAJSKA 10, LJUBLJANA 61000, SLOVENIA  
Language: Slovak Document Type: ARTICLE (ABSTRACT AVAILABLE)

Publication date: 20010300

...Abstract: with touch-panel. Speech communication is supported by a powerfull digital signal processor, which makes automatic recognition and the synthesis of speech possible. That way, the personal navigator can be controlled...

...connected to the device, together with a combined microphone. The concept alone also includes image transmission, connection to the Internet and positioning - using Global Positioning System. Personal navigator also needs a navigation server (Pic.2), which runs on a PC. Combined GPS /GSM module /3/ is connected to the server. The GPS module in the navigation server is needed for implementation of differential positioning; GSM module serves for establishing data connection with Personal navigator.

The current testing implementation of personal navigator (Pic.3), combines GPS unit for establishing position of the user. It consists of GPS receiver module and a GPS unit processor-microcontroller AT90S2313. The microcontroller communicates with the central processor Atmega 103 through a...

...information and a communication device. As a tourist guide it informs the user about his position, displays the interesting tourist sights, tourist information and tourist guiding. Besides the above-mentioned, it...

**2/3,KWIC/2 (Item 2 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
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09427733 Genuine Article#: 403UQ No. References: 13

**Title: Centimeter-level positioning on the seafloor**

Author(s): Asada A (REPRINT); Yabuki T  
Corporate Source: Univ Tokyo,Inst Ind Sci, Meguro Ku,4-6-4 Komaba/Tokyo  
1538505//Japan/ (REPRINT); Univ Tokyo,Inst Ind Sci, Meguro Ku,Tokyo  
1538505//Japan/; Japan Coast Guard,Dept Hydrograph, Chuo Ku,Tokyo  
1040045//Japan/  
Journal: PROCEEDINGS OF THE JAPAN ACADEMY SERIES B-PHYSICAL AND BIOLOGICAL  
SCIENCES, 2001, V77, N1 (JAN), P7-12  
ISSN: 0386-2208 Publication date: 20010100  
Publisher: JAPAN ACAD, 7-32 UENO PARK, TOKYO, 110, JAPAN  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

**Title: Centimeter-level positioning on the seafloor**

Publication date: 20010100

...Abstract: method for the seafloor geodes is under development in order to overcome several difficulties. The position of the ea-bottom transponders at the vicinity of the Nankai trough and the Japan Trench is observed using a GPS /Acoustic measurement system. Early results from processed data show a scatter of 4 cm standard deviation for repeated horizontal positioning from drifting survey vessel. This paper describes tow techniques developed to realize precise acoustic ranging, automatically detecting and correcting the Doppler-shift of acoustic propagation signal due to ship's drifting and attitude motion, and theoretically forming a pulse of one wavelength in cross

correlation between transmission and reception of long-coded signals.

**2/3,KWIC/3 (Item 1 from file: 61)**

DIALOG(R)File 61:Civil Engineering Abstracts.

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0000174437 IP ACCESSION NO: A2004-61-00343  
**Development of a GPS Active Control Point Station**

Quek, S.H.; Craymer, M.; Langley, R.B.; Parkhill, D.; Arseneau, D.;  
 McArthur, D.; Lochhead, K.

Journal of Surveying Engineering, v 115, n 1, p 46-55, Feb. 1989  
 PUBLICATION DATE: 1989

PUBLISHER: American Society of Civil Engineers, 1801 Alexander Bell Drive,  
 Reston, VA, 20191-4400  
 COUNTRY OF PUBLICATION: USA  
 PUBLISHER URL: <http://www.asce.org>  
 PUBLISHER EMAIL: [journal-services@asce.org](mailto:journal-services@asce.org)

DOCUMENT TYPE: Journal Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 ISSN: 0733-9453  
 FILE SEGMENT: Civil Engineering Abstracts  
**Development of a GPS Active Control Point Station**

, Feb. 1989

**ABSTRACT:**

... of the Active Control System, a project to establish a nationwide network of automated Global Positioning System (GPS) tracking stations, or active control points (ACPs). Benefits from such a network include improved integrity, precision and economics of both differential static and kinematic positioning applications using GPS, and independent orbit determination and refinement. A prototype ACP station has been constructed to test...

...communications line are also interfaced to the computer. The station is capable of unattended operation, automatic satellite tracking, and the acquisition, decoding, validation and transmission of data to the remote Master Active Control Station (MACS). The ACP station can be...

DESCRIPTORS: Global positioning; Geodetic surveys; Satellites; Mapping; Surveys

**2/3,KWIC/4 (Item 1 from file: 95)**

DIALOG(R)File 95:TEME-Technology & Management

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01370996 19991200515

**Multiple-observer scheme for safe navigation**

(Positionsmessung mit einer Beobachterstruktur, bestehend aus mehreren Sensoren, fuer die sichere Navigation in der Schifffahrt)

Schultze, R

FH Konstanz, D

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Record type: Abstract

ISSN: 0967-0661

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...of currently available sensor data. The availability and safety improvement of the approach is the automatic fault-detection with

immediate switch-over to a backup (standby) observer, which has already converged...

...instance to mobile robots working indoors and outdoors with changing availability and accuracy of sensors ( GPS (Global Positioning System) only outside, wheel sensors work better inside on a flat floor).  
IDENTIFIERS: MEHRSENSORENSYSTEM; Navigation; Positionsmessung ; Beobachter  
; Mehrfachsensor  
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The New York City Transit Authority has reached the conclusion that the implementation of communications-based signaling will be cost effective in the long run, and is expected to issue a request for


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